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RAW SEQUENCE LISTING
PATENT APPLICATION *US/08/480,472A*

AU 1807

DATE: 06/28/96
TIME: 11:53:07

INPUT SET: S11328.raw

> This Raw Listing contains the General
> Information Section and up to the first 5 pages.

SEQUENCE LISTING **ENTERED**

```
 1
 2
 3   (1)      General Information:
 4
 5
 6      (i)   APPLICANT:                      Sherrol H. McDonough
 7                                            Daniel L. Kacian
 8                                            Nanibhushan Dattagupta
 9                                            Diane L. McAllister
10                                            Philip Hammond
11                                            Thomas B. Ryder
12
13     (ii)  TITLE OF INVENTION:              NUCLEIC ACID SEQUENCE
14                                            AMPLIFICATION
15
16    (iii)  NUMBER OF SEQUENCES:             23
17
18     (iv)  CORRESPONDENCE ADDRESS:
19
20            (A)    ADDRESSEE:               Lyon & Lyon
21            (B)    STREET:                  633 West Fifth Street
22                                            Suite 4700
23            (C)    CITY:                    Los Angeles
24            (D)    STATE:                   California
25            (E)    COUNTRY:                 U.S.A.
26            (F)    ZIP:                     90071-2066
27
28     (v)   COMPUTER READABLE FORM:
29
30            (A)    MEDIUM TYPE:             3.5" Diskette, 1.44 Mb
31                                            storage
32            (B)    COMPUTER:                IBM Compatible
33            (C)    OPERATING SYSTEM:        IBM P.C. DOS 5.0
34            (D)    SOFTWARE:                Word Perfect 5.1
35
36     (vi)  CURRENT APPLICATION DATA:
37
38            (A)    APPLICATION NUMBER:      08/480,472
39            (B)    FILING DATE:             June 6, 1995
40            (C)    CLASSIFICATION:
41
42     (vii) PRIOR APPLICATION DATA:
43
44            (A)    APPLICATION NUMBER:      08/345,861
45            (B)    FILING DATE:             November 28, 1994
46
```

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RAW SEQUENCE LISTING
PATENT APPLICATION *US/08/480,472A*

DATE: 06/28/96
TIME: 11:53:11

INPUT SET: S11328.raw

47	(A)	APPLICATION NUMBER:	07/925,405	
48	(B)	FILING DATE:	August 4, 1992	
49				
50	(A)	APPLICATION NUMBER:	07/855,732	
51	(B)	FILING DATE:	March 19, 1992	
52				
53	(A)	APPLICATION NUMBER:	07/550,837	
54	(B)	FILING DATE:	July 10, 1990	
55				
56	(A)	APPLICATION NUMBER:	07/379,501	
57	(B)	FILING DATE:	July 11, 1989	

```
58
59     (viii)  ATTORNEY/AGENT INFORMATION:
60
61            (A)  NAME:                        Heber, Sheldon O.
62            (B)  REGISTRATION NUMBER:         38,179
63            (C)  REFERENCE/DOCKET NUMBER:     213/066
64
65
66      (ix)  TELECOMMUNICATION INFORMATION:
67
68            (A)  TELEPHONE:                   (213) 489-1600
69            (B)  TELEFAX:                     (213) 955-0440
70            (C)  TELEX:                       67-3510
71
72
73  (2) INFORMATION FOR SEQ ID NO:  1:
74
75      (i) SEQUENCE CHARACTERISTICS:
76
77            (A) LENGTH:           55 base pairs
78            (B) TYPE:             nucleic acid
79            (C) STRANDEDNESS:     single
80            (D) TOPOLOGY:         linear
81
82      (ii) SEQUENCE DESCRIPTION: SEQ ID NO:  1:
83
84  GAAATTAATA CGACTCACTA TAGGGAGACC ACAGCCGTCA CCCCACCAAC      50
85  AAGCT                                                       55
86
87
88  (2) INFORMATION FOR SEQ ID NO:  2:
89
90       (i) SEQUENCE CHARACTERISTICS:
91
92            (A) LENGTH:           31 base pairs
93            (B) TYPE:             nucleic acid
94            (C) STRANDEDNESS:     single
95            (D) TOPOLOGY:         linear
96
97      (ii) SEQUENCE DESCRIPTION: SEQ ID NO:  2:
98
99  GGGATAAGCC TGGGAAACTG GGTCTAATAC C                          31
```

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RAW SEQUENCE LISTING
PATENT APPLICATION *US/08/480,472A*

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INPUT SET: S11328.raw

```
100
101
102    (2) INFORMATION FOR SEQ ID NO:   3:
103
104        (i) SEQUENCE CHARACTERISTICS:
105
106            (A) LENGTH:          24 base pairs
107            (B) TYPE:            nucleic acid
108            (C) STRANDEDNESS:    single
109            (D) TOPOLOGY:        linear
110
111      (ii) SEQUENCE DESCRIPTION: SEQ ID NO:   3:
112
113    GTCTTGTGGT GGAAAGCGCT TTAG                              24
114
115
116
117
118
119
120
121    (2) INFORMATION FOR SEQ ID NO:   4:
122
123        (i) SEQUENCE CHARACTERISTICS:
124
125            (A) LENGTH:          23 base pairs
126            (B) TYPE:            nucleic acid
127            (C) STRANDEDNESS:    single
128            (D) TOPOLOGY:        linear
129
130      (ii) SEQUENCE DESCRIPTION: SEQ ID NO:   4:
131
132    CCGGATAGGA CCACGGGATG CAT                               23
133
134
135    (2) INFORMATION FOR SEQ ID NO:   5:
136
137        (i) SEQUENCE CHARACTERISTICS:
138
139            (A) LENGTH:          20 base pairs
140            (B) TYPE:            nucleic acid
141            (C) STRANDEDNESS:    single
142            (D) TOPOLOGY:        linear
143
144      (ii) SEQUENCE DESCRIPTION: SEQ ID NO:   5:
145
146    CGGTGTGGGA TGACCCCGCG                                   20
147
148
149    (2) INFORMATION FOR SEQ ID NO:   6:
150
151        (i) SEQUENCE CHARACTERISTICS:
152
```

```
153           (A) LENGTH:          47 base pairs
154           (B) TYPE:            nucleic acid
155           (C) STRANDEDNESS:    single
156           (D) TOPOLOGY:        linear
157
158      (ii) SEQUENCE DESCRIPTION: SEQ ID NO:  6:
159
160  AATTTAATAC GACTCACTAT AGGGAGACCA GGCCACTTCC GCTAACC            47
161
162
163  (2) INFORMATION FOR SEQ ID NO:  7:
164
165         (i) SEQUENCE CHARACTERISTICS:
166
167           (A) LENGTH:          24 base pairs
168           (B) TYPE:            nucleic acid
169           (C) STRANDEDNESS:    single
170           (D) TOPOLOGY:        linear
171
172       (ii) SEQUENCE DESCRIPTION: SEQ ID NO:  7:
173
174  CGCGGAACAG GCTAAACCGC ACGC                                     24
175
176
177  (2) INFORMATION FOR SEQ ID NO:  8:
178
179         (i) SEQUENCE CHARACTERISTICS:
180
181           (A) LENGTH:          23 base pairs
182           (B) TYPE:            nucleic acid
183           (C) STRANDEDNESS:    single
184           (D) TOPOLOGY:        linear
185
186      (ii) SEQUENCE DESCRIPTION: SEQ ID NO:  8:
187
188  GGAGGATATG TCTCAGCGCT ACC                                      23
189
190
191  (2) INFORMATION FOR SEQ ID NO:  9:
192
193         (i) SEQUENCE CHARACTERISTICS:
194
195           (A) LENGTH:          38 base pairs
196           (B) TYPE:            nucleic acid
197           (C) STRANDEDNESS:    single
198           (D) TOPOLOGY:        linear
199
200      (ii) SEQUENCE DESCRIPTION: SEQ ID NO:  9:
201
202  CGGCTGAGAG GCAGTACAGA AAGTGTCGTG GTTAGCGG                      38
203
204
205  (2) INFORMATION FOR SEQ ID NO:  10:
```

```
206
207          (i) SEQUENCE CHARACTERISTICS:
208
209               (A) LENGTH:           36 base pairs
210               (B) TYPE:             nucleic acid
211               (C) STRANDEDNESS:     single
212               (D) TOPOLOGY:         linear
213
214       (ii) SEQUENCE DESCRIPTION: SEQ ID NO:  10:
215
216   GGGTAACCGG GTAGGGGTTG TGTGTGCGGG GTTGTG                        36
217
218
219   (2) INFORMATION FOR SEQ ID NO:  11:
220
221          (i) SEQUENCE CHARACTERISTICS:
222
223               (A) LENGTH:           28 base pairs
224               (B) TYPE:             nucleic acid
225               (C) STRANDEDNESS:     single
226               (D) TOPOLOGY:         linear
227
228       (ii) SEQUENCE DESCRIPTION: SEQ ID NO:  11:
229
230   ATAATCCACC TATCCCAGTA GGAGAAAT                                 28
231
232
233   (2) INFORMATION FOR SEQ ID NO:  12:
234
235          (i) SEQUENCE CHARACTERISTICS:
236
237               (A) LENGTH:           55 base pairs
238               (B) TYPE:             nucleic acid
239               (C) STRANDEDNESS:     single
240               (D) TOPOLOGY:         linear
241
242       (ii) SEQUENCE DESCRIPTION: SEQ ID NO:  12:
243
244   AATTTAATAC GACTCACTAT AGGGAGACCA CACCTTGTCT TATGTCCAGA          50
245   ATGCT                                                         55
246
247
248   (2) INFORMATION FOR SEQ ID NO:  13:
249
250          (i) SEQUENCE CHARACTERISTICS:
251
252               (A) LENGTH:           30 base pairs
253               (B) TYPE:             nucleic acid
254               (C) STRANDEDNESS:     single
255               (D) TOPOLOGY:         linear
256
257       (ii) SEQUENCE DESCRIPTION: SEQ ID NO:  13:
258
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SEQUENCE VERIFICATION REPORT
PATENT APPLICATION   *US/08/480,472A*

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Line	Error	Original Text